DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 07815.105003

In re Application of: Nuggehally S. Jayant, Seong H. Jang, and Junghyun Yoon

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADAPTIVE EDGE DETECTION AND ENHANCEMENT FOR IMAGE PROCESSING, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date_	Priority Cla	Priority Claimed Under 35 USC §119 (a)-(d)		
			Yes	No		
I hereby claim the be listed below:	enefit under Tit	le 35, United States Code, § 1	19(e) of any United	States provisional application(s		
60/217,301	July 11					
(Application No.)	(Filing Date) (.	Application No.)	(Filing Date)		
insofar as the subject application in the man disclose material info	matter disclose nner provided b rmation as defi	ed and claimed in the present a y the first paragraph of Title 35	pplication is not dis , United States Code l Regulations, §1.56	s application(s) listed below and sclosed in the prior United States: §112, I acknowledge the duty to which became available between this application:		
Application Serie	al No.	Filing Date	Status: patented, pending, abandoned			
the United States Codissuing thereon. POWER OF ATTOR the Patent and Trade Sullivan-36,942; Holi	NEY: The foll mark Office comes J. Hawkin	owing are hereby appointed to ponnected therewith: Sherry M. s-38,913; Steven P. Wigmore-	opardize the validity prosecute this applic Knowles-33,052; ' 40,447; Lisa K. No	arion and transact all business in W. Scott Petty-35,645; Clark G. orton-44,977; Charles E. Peelers II-44,165; Josephine Young-P.		
48,308; Robert T. Net	ufold-P-48,394.	,220, A. Shane Pichols-43,630	o, william O. Isaac:	s 11-44,165; Josephine Tollig-P-		
Send correspondence t	191 Pea	Spalding, Customer No. 20786 ichtree Street, N.E., 45th Floor Georgia 30303	5 Direct telepl	none calls at (404) 572-4600		
			A. Sha	ne Nichols, Esq.		
Full name of first in	ventor: Nugg	ehally S. Jayant	Citize	nship: U.S.		
Inventor's signature	VISTO	hyant .	Date:	July 11, 2001		
Residence and Post	Office Addre	ss: 4390 Candacraig, Alphare	etta, Georgia 3002	2		

07/11/2001 13:37 4048945692

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 07815.105003

In re Application of: Nuggehally S. Jayant, Seong H. Jang, and Janghyun Yoon

As a below named inventor, I hereby declare that my residence, post office address and ciuzenship are as stated below next to my name. I believe joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADAPTIVE EDGE DETECTION AND ENHANCEMENT FOR IMAGE PROCESSING, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Clair	Priority Claimed Under 35 USC \$119 (a)-(d)	
			Yes	No	
I hereby claim the listed below:	benefit under Ti	tle 35, United States Code,	§ 119(e) of any United	States provisional application(s	
60/217,301	July 11				
(Application No	.) (Filing Date)	(Application No.)	(Filing Date)	
insofar as the subje- application in the m disclose material inf	ct matter disclos anner provided b formation as defi	ed and claimed in the prese by the first paragraph of Title	nt application is not disc e 35, United States Code leral Regulations, §1.56 v	application(s) listed below and closed in the prior United State §112, I acknowledge the duty to which became available between this application:	
Application Ser	ial <u>No.</u>	Filing Date	Status: patented, pe	Status: patented, pending, abandoned	
false statements and the United States Co- issuing thereon. POWER OF ATTO the Patent and Trac Sullivan-36,942; Ho	the like so mad ode, and that such RNEY: The followers J. Hawkin Bennett-Paris-47	e are punishable by fine or in willful false statements made lowing are hereby appointed connected therewith: Sherry as -38,913; Steven P. Wigner, 2,226; A. Shane Nichols-43.	mprisonment, or both, un y jeopardize the validity to prosecute this applica M. Knowles-33,052; Wore-40,447; Lisa K. Nor	with the knowledge that willfunder Section 1001 of Title 18 of the application or any patent tion and transact all business in 7. Scott Petty-35,645; Clark Gron-44,977; Charles E. Peeler-II-44,165; Josephine Young-Pe	
Send correspondence		: Spalding, Customer No. 20 achtree Street, N.E., 45th Flo		one calls at (404) 572-3507	
		, Georgia 30303		: Nichols, Esq.	
Full name of secon		- 0	Citizens	hip: Korean	
Inventor's signatur	re Janys	Borg Home	Date:	July 11. 2001	
Residence and Pos	ν	ss: 1624 Brook View Ave	, Doraville, Georgia 3	/	

ZE:EI 100Z/II/Z0 4048342692

52

DECLARATION AND POWER OF ATTORNEY Attorney

Attorney's Docket No. 07815.105003

In re Application of: Nuggehally S. Jayant, Seong H. Jang, and Janghyun Yoon

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADAPTIVE EDGE DETECTION AND ENHANCEMENT FOR IMAGE PROCESSING, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35. United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Pnority Claim	cd Under 35 USC \$119 (a)-(d)
			Yes	No
I hereby claim the b listed below:	enefit under Ti	tle 35, United States Code, § 1		
60/217,301	July 11	. 2000		
(Application No.) ((Filing Date)	Application No.)	(Filing Date)
insofar as the subject application in the madisclose material info	et matter disclose inner provided b ormation as defi	le 35. United States Code, §120 ed and claimed in the present a sy the first paragraph of Title 35 ned in Title 37, Code of Federa in and the national or PCT interm	application is not discle , United States Code § I Regulations, §1.56 w	osed in the prior United States 112, I acknowledge the duty to hich became available between
Application Seri	al No.	Filing Date	Status: palented, pen	ding abandoned
information and belief also statements and the United States Codissuing thereon. POWER OF ATTOR the Patent and Trade Sullivan-36,942; Hol	ef are believed to the like so made de, and that such RNEY: The foll emark Office co lmes J. Hawkin Bennett-Paris-47	is made herein of my own known to be true; and further that these are punishable by fine or important willful false statements may jet owing are hereby appointed to connected therewith: Sherry M. 18-38,913; Steven P. Wigmore 1,226; A. Shane Nichols-43,836	estatement were made risonment, or both, und copardize the validity of prosecute this application. Knowles-33,052; W. 40,447; Lisa K. Norte	with the knowledge that willful ler Section 1001 of Title 18 of f the application or any patents on and transact all business in Scott Petty-35,645; Clark G. on-44,977; Charles E. Peeler-
Send correspondence	191 Pea	Spalding, Customer No 2078, achtree Street, N.E., 45th Floor	6 Direct telephor	ne calls at (404) 572-3507
	Atlanta,	Georgia 30303	A. Shane	Nichols, Esq.
Full name of third i	nventor: Jang	hyun Yoon	Citizensl	nip: Korean
Inventor's signature	1	afap	Date: J	July. 11. 2001
Residence and Post	Office Addre	ss: 3375 Spring Hill PKWY	#370, Smyrna, Geori	ria 30080

BPAR BTUTITZNI GNABGAOAB SE632 468945692 7E:E1 1002\111\70